

AMESBURY SPORTS

12-14 SOUTH HUNT ROAD AMESBURY, MA 01913

GLOBAL PROPERTY DEVELOPERS CORPORATION

GLOBAL PROPERTY DEVELOPERS CORPORATION 80 1ST STREET

Weston & Sampson Engineers, Inc. 55 Walkers Brook Dr, Suite 100, Reading, MA 01960 978.532.1900 800.SAMPSON www.westonandsampson.com



Revisions:		
No.	Date	Description
1	10/16/20	PER PEER REVIEW
2	12/21/20	PER PEER REVIEW
3	01/15/21	PER PEER REVIEW
4	02/10/21	PER PEER REVIEW
5	02/15/21	PER PEER REVIEW
6	04/23/21	PER PEER REVIEW
7	06/23/21	PER PEER REVIEW
8	10/15/21	DESIGN MODIFICATION
Seal:		



COPYRIGHT © 2021 BY WESTON & SAMPSON THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY. REPRODUCTION, RELEASE OF UTILIZATION OF THE

DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY. WESTON & SAMPSON RETAINS THE EXCLUSIVE USE OF THE INTELLECTUAL PROPERTY CONTAINED

PERMITTING - NOT FOR CONSTRUCTION

AS SHOWN AUGUST 17, 2020 W&S Project No.: 2190336

Drawing Title:

ENLARGED GRADING & DRAINAGE PLAN

COPYRIGHT 2021 WESTON & SAMPSON

SIDEWALK SCUPPER
SCALE: N.T.S.

ALLEN HEAD COUNTERSUNK —

TYP. OF (6)

EXPANSION JOINT, TYP. —

STAINLESS STEEL CAP SCREW

5 STEEL PIPE BOLLARD WITH HDPE SLEEVE SCALE: N.T.S.

BY OWNER PRIOR TO INSTALLATION. CONTRACTOR, INSTALLATION AND CONCRETE BY GC.

SEE PLANS FOR BOLLARD LOCATIONS.

4. 6" GALVANIZED PIPE TO BE PROVIDED BY MISC METALS

5. HDPE BOLLARD SLEEVE WITH 6 7/8" DIAMETER TO BE INSTALLED

OVER STEEL BOLLARD USING TWO FOAM EXPANSION STRIPS.

2. BOLLARD FOUNDATION CONCRETE TO BE 3K PSI MIN. 3. EXACT LOCATION TO BE DETERMINED IN FIELD AND APPROVED

— FOAM EXPANSION STRIPS 4'-0" — FINISHED GRADE LOAM (SEE PLANS) 4'-0" CONCRETE

— 6" GALV PIPE FILLED SOLID W/ CONCRETE. ROUND TOP AS SHOWN — 1/8" HDPE BOLLARD COVER (YELLOW COLOR FOR SAFETY) ► HMA, CONCRETE APRON OR

SECTION A-A

36" BEEHIVE DRAIN GRATE

SCALE: N.T.S.

. GRATES ARE TO BE LOCATED AS SHOWN ON PLANS.

3" STEEL DIAMOND PLATE ——

- CAST-IN-PLACE

CONCRETE SCUPPER

- ASPHALT CONCRETE

PAVEMENT, SEE DETAIL.

2X2" STL. ANGLE, BOTH SIDES —

REINFORCED BAR, (3) EACH SIDE —

REFER TO PLAN FOR FINAL GRADE 3'-0" · 3/4"-1 1/2" WASHED STONE - GEOTEXTILE FABRIC · 12" HDPE PERFORATED DRAIN PIPE INV: 101.50 UNDISTURBED OR COMPACTED SUBGRADE 2 PERIMETER TRENCH DRAIN
SCALE: N.T.S.

INDICATED ON THE CONSTRUCTION PLAN. REQUIRED ABOVE COLLAR ── 8" THICK CONC. COLLAR FOR H-20 LOADING PRE MOLDED JOINT FILLER VARIABLE ALL AROUND INVERT HEIGHT — COMPACTED SUBGRADE VARIABLE OVERALL HEIGHT INLET AND OUTLET ADAPTERS AVAILABLE 4" THRU 24" — OUTLETS WITH WATERTIGHT ADAPTERS

1. 24" MIN SUMP IS REQUIRED ON CATCH

2. GRATES AND/OR COVERS SHALL BE A

MINIMUM 24" ROUND AT THE LOCATIONS

3 PVC AREA DRAIN
SCALE: N.T.S.

- LOAM AND SEED, SEE DETAIL

- STONE RIP RAP

- CAST-IN-PLACE

CURB OPENING

SLOPED GRANITE CURB
SEE DETAIL

CONCRETE SCUPPUR

STEEL DIAMOND

BASINS (DRAIN INLETS) ONLY.

4" CAST IRON SQUARE FRAME & 24" GRATE; USE MASS. STANDARD HEAVY DUTY GRATE WITH (36) 2"x2" SQUARE OPENINGS — PROVIDE TOPSOIL THICKNESS AS

Consultants:

Reading, MA 01960 978.532.1900 800.SAMPSON www.westonandsampson.com

1 10/16/20 PER PEER REVIEW

3 01/15/21 PER PEER REVIEW 4 02/10/21 PER PEER REVIEW

7 06/23/21 PER PEER REVIEW 8 10/15/21 DESIGN MODIFICATION

COPYRIGHT © 2021 BY WESTON & SAMPSON

EXCLUSIVE USE OF THE CLIENT & PROJECT NAME LISTED ON THIS DRAWING ONLY.

REPRODUCTION, RELEASE OF UTILIZATION OF THE

WESTON & SAMPSON RETAINS THE EXCLUSIVE USE

OF THE INTELLECTUAL PROPERTY CONTAINED

PERMITTING - NOT

FOR CONSTRUCTION

W&S Project No.: 2190336

CONSTRUCTION

DETAILS

W&S File No.:

Drawing Title:

AS SHOWN

AUGUST 17, 2020

DRAWING CONTENT BY OTHER CLIENTS / FIRMS AND ON OTHER PROJECTS IS PROHIBITED BY LAY.

THIS DRAWING HAS BEEN PREPARED FOR THE

PER PEER REVIEW

PER PEER REVIEW PER PEER REVIEW

Weston & Sampson Engineers, Inc. 55 Walkers Brook Dr, Suite 100,

80 1ST STREET BRIDGEWATER, MA 02324

GLOBAL PROPERTY DEVELOPERS CORPORATION **GLOBAL PROPERTY DEVELOPERS** CORPORATION

12-14 SOUTH HUNT ROAD AMESBURY, MA 01913

AMESBURY SPORTS

COPYRIGHT 2021 WESTON & SAMPSON